

ABSTRACT

The invention is directed to methods for purifying Troponin I, particularly recombinant Troponin I produced in a bacterial expression system. Recombinant Troponin I can be advantageously purified after reversibly protecting the free sulphydryl groups, e.g., by forming sulfates. In a specific example, Troponin I reacted with sodium tetraflate yielded sulfotylized Troponin I, which was purified by chromatography on an anion exchanger, followed by hydrophobic interaction chromatography. Facile deprotection of the sulphydryl groups yields a highly purified product ready for refolding.